Intel Corporation 2200 Mission College Blvd. Santa Clara, CA 95052

Intel Legal Team



# Fax

### Page 1 of 13

Date: 6-Apr-05

Phone: 571-272-4797 Fax: 703-872-9306 To: Terrell L. McKinnon

United States Patent and Trademark Office

Phone: 408-765-4692 From: David N. Tran Fax: 408-765-7723

Subject: Amendment in Application Serial No. 10/749,881

#### A CONFIRMATION COPY OF THIS DOCUMENT:

WILL NOT BE SENT

Application No.: December 31, 2003 Filing Date: First Named Inventor: Eric DiStefano

3743 Group Art Unit:

Terrell L. McKinnon Examiner Name:

Attorney Docket No.: P18069

#### Enclosures:

Transmittal Form (1 page) 1.

2. Fee Transmittal for FY 2005 (2 page in duplicate)

10/749,881

3. Response to Office Action (9 pages)

Important Notice

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APR 0 7 2005

PTO/SB/17 (12-04/2)
Approved for use through 07/31/2008. CMB 0651-0032
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	For FY 20	פטע	First Named Inventor		Eric DiStefano						
Applicant cla	ims small entity status	See 37 CFR 1.27	Examiner Name	<del></del>	CKinnon, Terrell L.						
<del></del>			Art Unit	3743							
TOTAL AMOUNT	OF PAYMENT (\$)	0	Attorney Docket No.	P18069							
METHOD OF PAYMENT (check all that apply)											
Check Credit Card Money Order None Other (please identify):											
Deposit Account Deposit Account Number: 50-0221 Deposit Account Name: Intel Corporation											
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FEE CALCULA											
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If the spec fication and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50											
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4. OTHER FEE(S)  Fees Paid (\$)											
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Other (e.g., late filling surcharge):											
SUBMITTED BY					T-						
Signature	John	m	Registration No. (Attorney/Agera) 50,80	4	Telephone 408-765-4692						
Name (Print/Type)	David N. Tran				Date April 6, 2005						

This collection of information is required by 37 CFR 1.139. The information is required to obtain or retain a benefit by line public which is to file (and by the USPTO to procest) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, properling, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patern and Trademark Citics, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04v2) Approved for use through 07/31/2006, OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Pans-owork Reduction Act of 1996, no paragraphs are remained to meanand to a collection of Information unless it displays a valid OMB control number Effective on 12/08/2004. Complete if Known Fees oursuant to the Consolidated Appropriations Act. 2005 (H.R. 4818). 10/749,881 Application Number TRANSMITTA Filing Date December 31, 2003 For FY 2005 First Named Inventor Eric DiStefano **Examiner Name** McKinnon, Terrell L Applicant chims small entity status. See 37 CFR 1.27 Art Unit 3743 **TOTAL AMOUNT OF PAYMENT** (\$) Attorney Docket No. P18069 METHOD OF PAYMENT (check all that apply) Check L Credit Card Moncy Order Other (please identify): None ✓ Deposit /\ccount Deposit Account Number: 50-0221 Deposit Account Name: Intel Corporation For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) ✓ Charge fee(s) indicated below Charge fee(s) indicated below, except for the filling fee Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments under 37 CFR 1.16 and 1.17
WARNING: Information on this form way become public. Credit card information should not be included on this form. Provide credit card formation and authorization on PTO-2038. FEE CALCULATION 1. BASIC FILING, SEARCH, AND EXAMINATION FEES **FILING FEES SEARCH FEES EXAMINATION FEES Small Entity** Small Entity Small Entity Application Type Fee (\$) Fee (5) Fee (\$) Fees Paid (\$) Fee (\$) Fee (\$) Fee (\$) Utility 300 150 500 200 250 100 200 Design 100 100 50 130 6.5 Plant 200 100 300 150 160 80 Reissue 300 150 500 250 **ሐ**ስስ 300 **Provisional** 200 100 O ٥ O O 2. EXCESS CLAIM FEES Small Entity Fee (\$) Fee Description Fee (\$) Each claim over 20 (including Reissues) 50 Each independent claim over 3 (including Reissues) 200 100 Multiple dependent claims 360 120 Total Claims Extra Claims Fee Paid (\$) Multiple Dependent Claims Fee (\$) - 20 or HP = Fee (\$) Fee Pald (\$) HP = highest number of total chalms paid for, if greater than 20. indep. Claims Extra Claims Fee (\$) Feo Paid (\$) - 3 or HP = Ω HP = highest number of independent claims paid for, if greater than 3. **APPLICATION SIZE FEE** If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(0) and 37 CFR 1.16(s).

Total Shorts Extra Sheets Number of each additional 50 or fraction thereof Fee Paid (\$) - 100 = / 50 = \_ (round up to a whole number) x 0 4. OTHER FEE(S) Fees Paid (5) Non-English Specification. \$130 fee (no small entity discount) Other (e.g., late filing surcharge):

SUBMITTED BY	11/ -				
Signature	Show	/ne	Registration No. (Attorney/Agent) 50,804	Telephone 408-765-4692	
Name (Print/Type:	David N. Tran	Date April 6, 2005			

This collection of Information is required by 37 CFR 1.138. The information is required to obtain or retain a banefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Paters and Tradomeric Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. Patient and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid QMB control number Application Number 10/749.881 TRANSMITTAL Filing Date December 31, 2003 FORM First Named Inventor Eric DiStefano Art Unit (to be used for all correspondence after initial filing) Examiner Name MCKINDON TATTELL. Attorney Docket Number 12 P18069 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication [√] Drawing(s) Fee "ransmittel Form to Technology Center (TC) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition **Amendment/Reply** (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Status Letter Affidevits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Terminal Disclaimer Extension of Time Request Identify below): Request for Refund Express Abandonment Request CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm David N. Tran individual name Signature Date April 6, 2005 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facelmile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Typed or printed name David N. Tran Date April 6, 2005 Signature

This obligation of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to This obtection it information is required by 37 CFX 1.3. The information is required to obtain or retain a beneal by the public which is to tild (and by the USF) process) an application, Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USFTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA. 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Attorney's Docket No.: P18069

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Eric DiStefnao, et al.

Application No. 10/749,881

Filed: 12/31/2003

Title: Thermal Solution For Electronics

Cooling Using a Heat Pipe in

Combination With Active Loop Solution

Examiner: MCKINNON, TERRELL

Art Unit: 3743

Commissioner For Patents P.O. Box 1450 Alexandria, VA. 22313-1450

# **RESPONSE TO OFFICE ACTION**

Sir:

In response to the office communication mailed February 25, 2005, for the above-referenced patent application, it is respectfully requested that the application be amended as follows and that the following remarks be considered:

#### **CERTIFICATE OF TRANSMISSION**

37 C.F.R. § 1.8(a)

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on

Date: May 6, 2005\_\_

Name:

David N. Tran

Signature: